

AMENDMENTS TO THE CLAIMS

Please amend the claims to read as follows:

1-2. Cancelled.

3. (Currently amended) The isolated nucleic acid molecule of Claim 4 having a sequence wherein the nucleic acid sequence has at least 50% sequence identity with a sequence selected from the group consisting of any of SEQ ID NOs:1, 3, 5, 7, and 9, 18, 19 and 21.

4. (Currently amended) The An isolated nucleic acid molecule of Claim 1 wherein the nucleic acid sequence that encodes an insect p53 polypeptide comprising an amino acid sequence selected from the group consisting of: RICSCP KRD (SEQ ID NO:23), KICSCP KRD (SEQ ID NO:24), RVCSCP KRD (SEQ ID NO:25), KVCSCP KRD (SEQ ID NO:26), RICTCP KRD (SEQ ID NO:27), KICTCP KRD (SEQ ID NO:28), RVCTCP KRD (SEQ ID NO:29), KVCTCP KRD (SEQ ID NO:30), FXCKNSC (SEQ ID NO:31) and FXCQNSC (SEQ ID NO:32), wherein X is any amino acid.

5-6. Cancelled

7. (Currently amended) The isolated nucleic acid molecule of Claim 4 wherein the nucleic acid sequence encodes a said insect p53 polypeptide comprises an amino acid sequence selected from the group consisting of having at least 50% sequence identity with any of SEQ ID NOs 2, 4, 6, 8, and 10.

8-10. Cancelled

11. (Currently amended) A vector comprising the nucleic acid molecule of Claim 4.

12. A host cell comprising the vector of Claim 11.

13. (Currently amended) A process for producing a p53 polypeptide comprising culturing the host cell of Claim 8 12 under conditions suitable for expression of the p53 polypeptide and recovering the polypeptide.

14-28. Cancelled